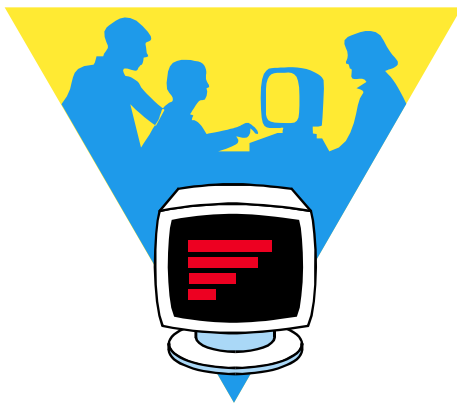


CSMISS IT Seminar Series



Distributed Configuration and Release Management

by

Dr. André van der Hoek

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Institute for Software Research,
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University of California, Irvine***

***Wednesday,
March 27, 2002
12:00 – 1:00 P.M.
Conf. Room 167***



Configuration management as we know it is changing rapidly. Traditionally, it is concerned with managing the development-time evolution of a single autonomous software system. This view is no longer valid since there are major driving forces for a new, integrated view of configuration management. These major forces include component-based software engineering, the need to precisely manage a system after it has been developed, tailorability to specific organizational issues, and the management of run-time evolution. In this talk, Dr. van der Hoek will illustrate this new view, using examples not only from his own research, but also from other research efforts in the field. He will particularly focus on bridging the development-to-deployment gap that currently exists. He will also introduce a unifying architectural view of configuration management to provide a seamless environment that integrally manages the evolution of inter-related sets of components and systems from their initial inception, to their installation and configuration at customer field sites, to their eventual retirement.

André van der Hoek is an assistant professor in the Department of Information and Computer Science and a faculty member of the Institute for Software Research, both at the University of California, Irvine. He holds a joint B.S. and M.S. degree in Business-Oriented Computer Science from the Erasmus University Rotterdam, the Netherlands, and a Ph.D. degree in Computer Science from the University of Colorado at Boulder. His research lies in the discipline of software engineering, and has a particular emphasis on configuration management, software architecture, configurable distributed systems, and software engineering education. He has developed several configuration management systems, and has participated in numerous workshops and symposiums. He was chair of the Tenth International Workshop on Software Configuration Management, was on the organizing committee of the First Workshop on Open Source Software Engineering, and is on the program committee for the Tenth International Symposium on the Foundations for Software Engineering.

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